

ATTORNEY DOCKET NO.:  
017575.0883 (TAMUS 1603/1571)

PATENT APPLICATION

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TRANSMITTAL FOR U.S. PATENT APPLICATION  
UNDER 37 CFR §1.53(b)

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket No.:017575.0 (TAMUS )  
CERTIFICATE OF EXPRESS MAIL  
No. EV 323453206 US

Sir:

Transmitted herewith for filing is the original patent application of:

Inventors: Mark T. Holtzapple, Richard Davidson , Lee Lowry, Jr. and Cesar Granda

For: **METHODS AND SYSTEMS FOR PRETREATMENT AND PROCESSING OF BIOMASS**

Enclosed are:

- (1) 74 pages of Specification, Claims and Abstract,

The accompanying application claims the benefit of U.S. provisional patent application Serial No. 60/423,288, filed November 1, 2002.

- (2) 51 pages of Informal Drawings;  
(3) 1 page of a Certificate of Mailing ;  
(4) This Transmittal form with fees calculated below (2 pages);  
(5) Preliminary Amendment (10 pages);  
(5) A check in the amount of \$678.00 to satisfy filing fee; and  
(6) a Baker Botts LLP acknowledgement return receipt postcard.

Applicant is a small entity.

FEE CALCULATION					FEE
	NUMBER		NUMBER EXTRA	RATE	BASIC FEE \$ 385.00
Total Claims	43	20	23	X \$ 9 =	207.00
Independent Claims	5	3	2	X \$43 =	86.00
TOTAL FILING FEE =					\$ 678.00

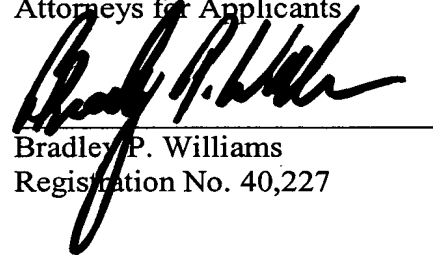
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PATENT APPLICATION

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Enclosed is a check in the amount of **\$678.00** to satisfy the filing fee requirements under 37 C.F.R. § 1.16. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-0384 of BAKER BOTTS L.L.P. **This document is being transmitted in duplicate.**

BAKER BOTTS L.L.P.  
Attorneys for Applicants



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Date: October 31, 2003

CORRESPONDENCE ADDRESS:

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Attorney Docket No.: 017575.0883 (TAMUS 1603/1571)

ATTORNEY'S DOCKET NO.  
017575.0883 (TAMUS 1603/1571)

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Holtzapple et al.  
Date Filed: October 31, 2003  
Title: **METHODS AND SYSTEMS FOR  
PRETREATMENT AND PROCESSING OF  
BIOMASS**

**MAIL STOP PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Patent Application (74 pages, including Specification, Claims, and Abstract), 51 sheets of Informal Drawings, Fee Transmittal (2 pages-filed in duplicate), a check in the amount of \$678.00, Preliminary Amendment (10 pages), Baker Botts return acknowledgment postcard (1 card), and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 31st day of October, 2003 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Willie Jiles*  
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Willie Jiles

**EXPRESS MAIL RECEIPT**  
**No. EV 323453206 US**  
Attorney's Docket: 017575.0883 (TAMUS 1603/1571)

**EV323453206US**